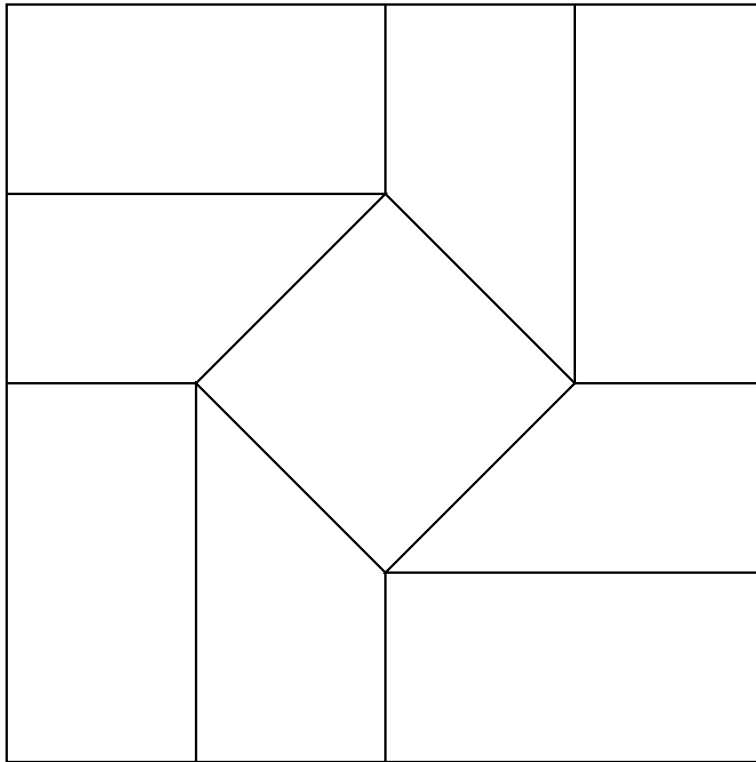


Due by Tuesday 2/10

1. What other polygons can you fold by making a knot from a strip of paper? Can you fold a square? Hexagon? Heptagon? Octagon? Why?
2. The figure shows a crease pattern, but the mountain and valley folds are not distinguished.



Is it possible to fold this crease pattern flat? How many different ways can you find to do this? Draw all the possible mountain/valley assignments (for each way you find of folding this pattern flat, draw a m/v assignment diagram).

- (This will be Question 1 of Homework 4, due 2/19—related to the Friday trip.) Take notes/sketches/photos of artwork that seems to be related to origami or folding. Find (a) something that is folded anyway, or seems to be; (b) something that reminds you of folded/origami models you've seen: maybe something that just seems like it should be folded; (c) something that would be impossible to create by folding.